BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs.: 250000.00

Name of Work: Detailed Estimate for the work of Improvements to drains at Puttenahalli KHB colony in ward No-02 of yelahanka Sub division.

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1 Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled nearly after breaking of clods complete as per specifications complete as per specifications. MORTH chapter 3, No 138/ Item No. 19.1/ PWD SR 2014-15	cum							
	levelling and lowering		1	107.00	1.50	0.15	24.08		
							24.08	75.60	1820.00
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	75.60							
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification No, KBS 2.1(a) / 2.2.5, No. 5/ Item No. 2.3/ PWD SR 2014-15	cum							
			1	107.00	1.50	0.15	24.08		
							24.08	176.04	4238.00
	Basic Rate	163.00							
	Area Weightage @ 8%	13.04							
	Total	176.04							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 100-1 Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing lipper at loading with front end loader dumpling turning for return trip excluding time for haulged and return trip complete as our specification item No 17.1 page 130 and KSRB M 100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 130 (SR 2014-15)	cum							
			Vide Item No. 1+2				48.15	79.10	3809.00
	Basic Rate for loading and unloading	63.00							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2 X 4	10.24							
		73.24							
	Area Weighlage @ 8%	5.86							
	Total	79.10							
4	KSRRB M300-53: construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification Page No. 305.4.3, No 144/ Item No 1S 60/ PWD SR 2014-15	cum							
			1	50.00	1.50	0.25	18.75		
							18.75	220.32	4131.00
	Basic Rate	204.00							
	Area Weighlage @ 8%	16.32							
	Total	220.32							
5	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted in foundation and plinth including cost of all materials, labour, HOM of machinery curing complete as per specifications Specification No. KBS 4.1.4.2 No. 12/ Item No. 4.2/ PWD SR 2014-15	Cum							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			1	107.00	1.50	0.15	24.08		
							24.08	5064.12	121919.00
	Basic Rate	4689.00							
	Area Weightage @ 8%	375.12							
	Total	5064.12							
6	KSRR8 M60C-5 cement concrete **pavement**, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30 at 350/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing.), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as	Cum							
			1	107.00	1.50	0.10	16.05		
							16.05	6695.80	94644.00
	Basic Rate	5460.00							
	Area Weightage @ 8%	436.80							
	Total	5896.80							

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floating disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and disc etc. with all lead and lift. Page No 171 Item No 22.7 SR 2014-15	Sqm							
			1	107.00	1.50		160.50		
							160.50	97.20	15601.00
	Basic Rate	90.00							
	Area Weightage @ 8%	7.20							
	Total	97.20							
8	1% of Quality control charges								2500.00
9	Miscellaneous charges								1338.00
								Total	250000.00
(Rupees Two lakhs Fifty thousand Only)									

CERTIFICATE

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per C.S.R. of 2014-15.
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 2.50 Lakh
Two Lakh Fifty Thousand
accorded under head P. 171 1
2014-15
Vested as CE No. Subject
to conditions contained in enclosed memo
No. CE/YNK/AA/23/14-15 Dt. 22.10.14

TECHNICALLY SANCTIONED FOR Rs. 2.50 Lakh
Rupees Two Lakh Fifty Thousand only
P. 171 2014-15
under
Registered as CE ( ) No.
Subject to conditions contained in
enclosed memo CE ( ) No. dt.
Or Estimate / Sanctioned
CE/YNK/TS/4K/14-15
Dated 28.10.14 Rs. 2.50 lakh

NAME OF WORK:- IMPROVEMENTS TO DRAINS @ PUTTENAHALLI KHB COLONY IN WND. 02 OF YNK. SUB DIVISION.